BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(WHOLLY OWNED BY GOVERNMENT OF KARNATAKA)

ESTIMATE NO : G1-1192 **DATE :**

WORK UNDER SELF EXECUTION

Estimate for Shifting of 11KV Line & LT Line from Chowdeshwari Temple to Yelahanka Lake new road due to Road Widening in favour of AEE BBMP, Yelahanka, Bangalore In O & M 19A Yelahanka Old Town section, C7 Subdivision.

SL No.	Particulars.	MATERIAL CODE	Unit	Qty	Materials		Labour	
					Rate	Amount	Rate	Amount
	Part A - Proposed Material							
1	Spun pole 11.0 mtr long	200120	No	2	16850	33700	2503	5006
2	Single pole structure kit	279128	Set	2	26734	53468	2236	4472
3	11kV Horizontal X Arms - Galvanised Iron (GI)	280020	Set	8	333	2664	106	848
4	11kV, 5KN Composite/Polymeric Pin Insulator (24mm dia FRP Rod)	283008	No	6	180	1080	0	0
5	Pole Base concreting 1:4:8,		Each	2		0	730	1460
6	Pole Base concreting 1:2:4, 1000x1000x2500 mm		Each	2		0	12177	24354
7	Coping 1:2:4 (as per actuals)		Each	2		0	1930	3860
8	GI wire 10 SWG	281010	Kg	10	66.78	668	0	0
9	Guy wire 7/10 SWG	281110	Kg	20	65.14	1303	0	0
10	PVC Pipe 150 mm dia	778105	Mtrs	30	267	8010	0	0
11	PVC bend 150 mm dia	778009	No	30	183	5490	0	0
12	PVC pipe (25mm dia)	778025	Mtrs	30	25	750	0	0
13	GOS 200A S/B	304212	Set	2	7799	15598	700	1400
14	H Frame Set for GOS	280149	Set	2	3724	7448	210	420
15	9KV 5kA LA Metal Oxide Ceramic type with GROUND DISCONNECTOR	303201	Set / 3Nos	2	2358	4716	78	156
16	11kV Class, HG Fuse Unit with Solid Core Insulators	302122	Set	2	882	1764	155	310
17	Earthing materials pipe type for grounding as per Drawing No. BESCOM/GM/CP/15 & 34/Dt: 24.10.07	281674, 600095, 607054	Set	4	1501	6004	503	2012
18	Caution/Danger board.	613050	No's	2	146	292	53	106
19	Alkathene tube 19mm dia and in coils	821900	Coil	6	458	2748	0	0
20	Anti Climbing Device (12mtrs/1Kg GI Barbed Wire)Lumpsum	278911	Kg	2	76	152	28	56
21	9Mtr's long RCC Pole	200105	Nos	10	6258	62580	1424	14240
22	11kV Horizontal X Arms - Galvanised Iron (GI)	280020	Set	10	333	3330	106	1060
23	HT ST Support	280092	No's	10	61	610	64	640
24	11kV, 5KN Composite/Polymeric Pin Insulator (24mm dia FRP Rod)	283008	No	48	180	8640	0	0
25	45kN Disc Insulators	283040	Nos	20	301	6020	0	0
26	LT 4 Pin cross arms	280014	Nos	20	252	5040	106	2120
27	LT 2 Pin cross arms	280012	Nos	20	115	2300	106	2120
28	RCC Pole Clamps	280523	Nos	16	71	1136	0	0
29	1.1 KV Pin Insulators	283003, 283053	No.	80	48	3840	-	-
30	No. 8 KN Strain Insulators	283158	No.	20	16	320	-	-
31	Rabbit ACSR conductor	284108	Kmt	0.8	36497	29197.6	2869	2295
32	LT Aerial Bunched Cable 3x95+1x70+1x16 Sqmm Street light (Insulated messenger cum Neutral)	284819	KMtr	0.200	435622	87124.4	22469	4493.8
33	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Service Connections	284822	No.	6	235	1410	85	510

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34	Suspension Clamp Assembly 16 to 70 mm (Excluding pole clamp & Eye Hook)	284845	Sets	6	196	1176	127	762
35	Universal Hook and Bolts & Nuts	284284	No.	1	314	314	169	169
36	Dead End Clamp/Anchor Clamp Assembly 16 to 70 Sqmm Bare Messenger	284843	Sets	2	206	412	127	254
37	Pole clamp for HT/LT AB cable	284840	Sets	1	103	103	211	211
9	240Sqmm, 1.1kV LT, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath armoured UG LT cable	287216	KMtr	0.16	768443	122951		0
10	Epoxy Terminating Kit (Pothead) suitable for 1.1kV Class LT UG Cables 3.5 x 225/240/300 Sqmm	288165	Set	10	574	5740	1709	17090
48	Cable trench excavation, 1000x0.6x1=600, Ordinary soil		Cu mtr	90	0	0	226	20340
49	Laying of cable in trench LT Cable		Kmtr	0.480	0	0	20998	10079
50	Rifilling & consolidation		Cu mtr	90	0	0	50	4500
	Miscellaneous					241		891
	TOTAL					**488339**		**126235**

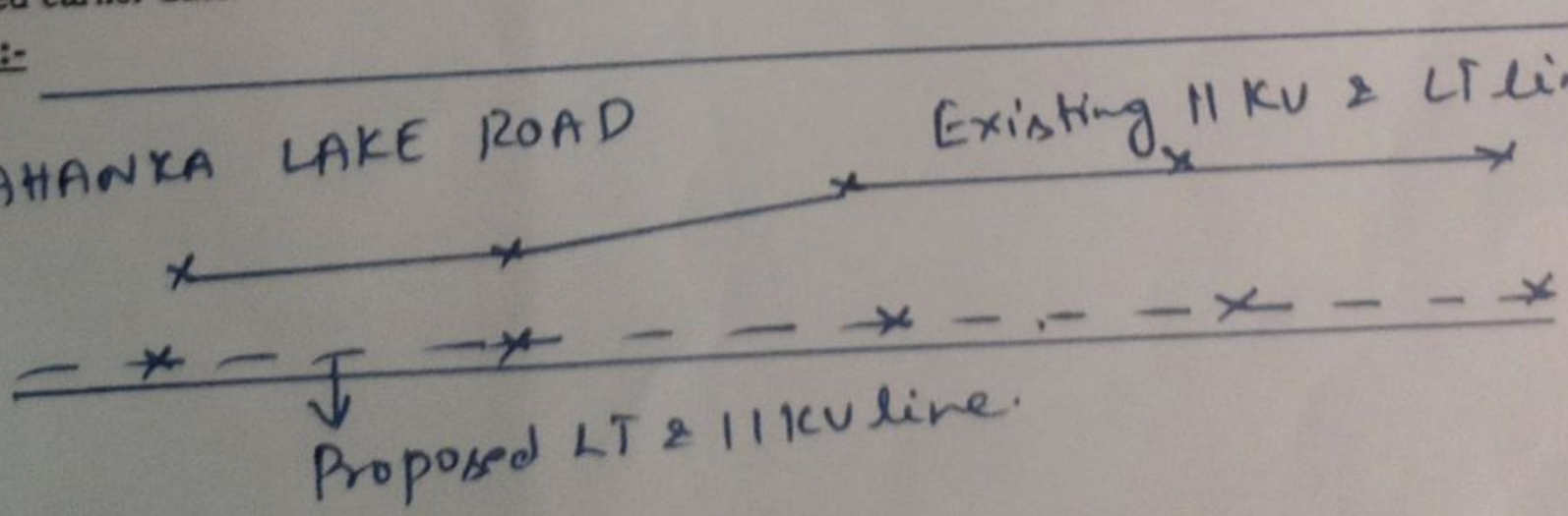
ABSTRACT

		488339
1	Total material cost	**126235**
2	Total Labour cost	37871
3	Locality allowance @ 30% on total labour charges	12291
4	Contengency @ 2% on Total material & L/C.	32821
5	Employee's cost @ 20% on Total Labour (2+3)	**697558**
	TOTAL COST OF ESTIMATE	

CERTIFICATE :-Certified that I have personally inspected the spot and prepared this estimate as per Current SR rates to execute the work in most economic and Safeway.

REPORT: - The Estimate amount of **Rs.6,97,558/-** only prepared for Shifting of 11KV Line & LT Line from Chowdeshwari Temple to Yelahanka Lake new road due to Road Widening in favour of AEE BBMP, Yelahanka, Bangalore In O & M 19A Yelahanka Old Town section, C7 Subdivision.
This Estimate for Shifting of 11KV Line, LT Line with DTC's of 1X100KVA & 3X250KVA due to road widening from Chowdeshwari Temple to Yelahanak Lake & In this estimate we are Providing Spun Pole, RCC Pole & 11KV Line with connected materials. Its very essensial to shift the existing Eelectrical Lines which are coming in the middle of the proposed New BBMP Road, Hence this estimate is prepared as per consumer request under self execution work. All the necessary materials and labour charges is made provision in this estimate. Hence this estimate may bee sanctioned earlier date.

Sketch:-



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